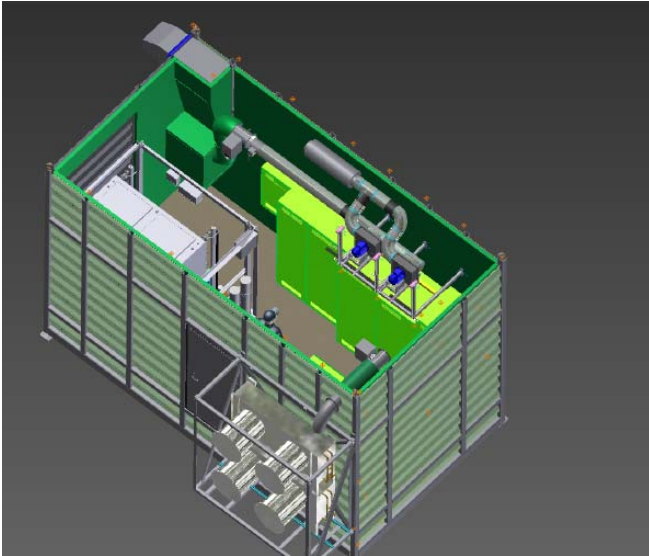


JOB REPORT



CONTROL CABIN - HUNTINGTON



Year : 2011
Project Name : Huntington Field Development
Operator :
ATC project no. : 2585

Size (L x W x H mm) : 6360 x 3620 x 4480
Weight (kg) : 25,000 with all equipment installed.
Materials : 4mm Mild Steel, painted to NORSOK M501.
Classification : Zone 2, fire rating A60
Certification : DNV rules for Offshore lifting 2.7.3

Project Description / Challenges:

The module was designed to be a fully self contained Unit, with it's own ventilation system.

This consisted of run/standby cooling units for removing heat gain from the electrical equipment, as well as supply fans, filter and duct heating coil for providing fresh air and a slight overpressure in the module.
Max noise level inside was 75 dbA.

The main incoming cables entered the module at low level through MCT's into a 0,5 metres high false data floor which consisted of removeable plates with an anti-static, electrically isolating vinyl surface.

JOB REPORT



Scope of Work:

ATC's scope included design engineering, fabrication, outfitting and testing of the complete module.

This included multi-discipline responsibility which involved, structural design, calculations and layout, piping and the Ventilation system, including internal ductwork.



Fresh air Ventilation system



Cables penetrating the suspended floor



Telecom + emergency stops

A challenging project which showed the wide range of services that ATC are able to provide